

IRP Accomplishments

Western undertook a number of actions in FY 2000 to support the Integrated Resource Planning requirements outlined in Section 114 of the Energy Policy Act of 1992. These included:

- Completing the public process to revise the IRP reporting criteria. The approved revisions streamline the IRP reporting criteria and provide new alternatives for annual reports about IRP activity.
- Providing IRP related publications, information and technical assistance to customers through various media, including the *Energy Services Bulletin*, the Energy Services Web site (www.es.wapa.gov) and the Power Line technical assistance hotline (1-800 POWERLN or 1-800-769-3756).
- Loaning technical equipment including infrared cameras, power quality and demand analyzers, energy efficiency lighting display kits, solar and wind energy education kits and blower door kits to customers.
- Providing direct and indirect technical assistance and information services through the regional Energy Services programs.
- Facilitating opportunities for customers to evaluate and implement renewable resources through Western's Non-Hydro Renewable Resources Program.

All firm power customers have prepared IRPs or small customer plans. They also submit regularly annual IRP progress reports or small customer annual updates. In FY 2000, Western received 123 IRP progress reports from individual customers and 72 IRP cooperatives and 110 small customer updates. These IRPs and small customer plans represent 588 long-term firm power customers and customer members.

Highlights from customer annual reporting include:

- 918,202 kW and 367,090,000 kWh saved across Western's service area through demand-side management measures.
- \$75,882,300 spent on DSM measures.
- 3,235,700 kW and 9,289,613,800 kWh generated from renewable resources.
- \$199,127,400 spent on renewable resources.*

* All renewable spending not reported.

The table summarizes customer demand-side management and renewable resource activities and spending reported in FY 2000 IRP annual progress reports and small customer updates. Small customer data is limited.

FY 2000 Customer IRP Accomplishments

	CRSP	DSW	RM	SN	UGP
DSM kW savings	27,602 kW	112,100 kW	96,500 kW	70,300 kW	611,700 kW
DSM kWh savings	88,030,600 kWh	131,571,600 kWh	58,613,600 kWh	74,871,700 kWh	14,002,500 kWh
DSM spending	\$1,383,900	\$9,154,400	\$3,943,700	\$42,873,700	\$18,526,600
DSM spending deviation	\$680,100 less than planned	\$7,793,900 less than planned	\$964,900 more than planned	\$786,800 more than planned	\$7,492,200 more than planned
DSM program trends	<ul style="list-style-type: none"> Commercial/industrial cooling/ventilation Residential cooling/ventilation Domestic hot water Residential lighting Commercial/industrial lighting Residential heating Pump measures Industrial process measures Low loss transformers 	<ul style="list-style-type: none"> Agricultural/irrigation pumps Commercial/industrial lighting Residential/industrial/commercial building envelopes Residential cooling/ventilation Commercial/industrial appliance rebate program Transmission/distribution efficiency 	<ul style="list-style-type: none"> Domestic hot water Residential heating Agricultural/irrigation pumps Transmission and distribution Commercial/industrial lighting Residential building envelopes 	<ul style="list-style-type: none"> Residential cooling/ventilation Commercial/industrial cooling/ventilation Commercial/industrial lighting Commercial/industrial motors Residential lighting 	<ul style="list-style-type: none"> Agricultural/irrigation pumps Domestic hot water Residential cooling/ventilation Residential heating Transmission and distribution Commercial/industrial lighting
Renewables kW	65,100 kW	1,711,400 kW	51,000 kW	1,210,600 kW	197,600 kW
Renewables kWh	342,106,400 kWh	2,684,638,600 kWh	117,323,500 kWh	5,262,052,100 kWh	883,493,200 kWh
Renewables spending *	\$9,134,300	\$20,340,400	\$5,573,700	\$158,418,300	\$5,660,700
Renewables spending deviation *	\$374,400 less than planned	\$15,936,400 more than planned	\$5,569,700 more than planned	\$1,470,600 more than planned	\$860,096 more than planned
Renewables program trends	<ul style="list-style-type: none"> Small-scale hydro Large-scale hydro Solar photovoltaics Wind energy Geothermal energy 	<ul style="list-style-type: none"> Small-scale hydro Large-scale hydro Solar photovoltaics Solar thermal Geothermal energy 	<ul style="list-style-type: none"> Small-scale hydro Large-scale hydro Solar photovoltaics Wind energy 	<ul style="list-style-type: none"> Small-scale hydro Large-scale hydro Solar photovoltaics Wind energy Geothermal energy 	<ul style="list-style-type: none"> Small-scale hydro Large-scale hydro Wind energy Municipal solid waste-to-energy

* All renewable spending not reported.